

We Claim:

1. A video/audio information retrieving apparatus,
comprising:

storage means for storing the video/audio information
5 inputted from each medium, attribute information indicating the
attributes of said video/audio information and retrieving
process program for retrieving said video/audio information;
setting means for setting the index information based on
the attribute information stored in said storage means;

10 converting means for converting the index information and
said retrieving process program set with said setting means to
the multimedia information format; and

output means for outputting the index information and
retrieving process program converted with said converting means
15 to the external circuit together with said video/audio
information.

2. A video/audio information retrieving apparatus
according to claim 1, wherein said each medium is the broadcast
medium or storage medium.

20 3. A video/audio information retrieving apparatus
according to claim 1, wherein said index information is a title
of the program to which said video/audio information belong,
channel, broadcast time or genre information and class of medium
information for discriminating a class of medium to which the
25 program including said video/audio information.

4. A video/audio information retrieving apparatus according to claim 1, wherein said index information and retrieving process program are divided into packets and said packets group is multiplexed and outputted.

5 5. A video/audio information retrieving apparatus according to claim 1, wherein said index information and retrieving process program are multiplexed as one of the structural element of the channel for transmitting said video/audio information and is then outputted to the external circuit.

10 6. A video/audio information retrieving apparatus according to claim 1, wherein said index information and retrieving process program are multiplexed as the structural element of the other channel different from the channel for transmitting said video/audio information and are then outputted to the external circuit.

15 7. A video/audio information retrieving apparatus according to claim 1, wherein a designating means for designating said multimedia information format is provided and said converting means executes conversion based on the format designated with said designating means.

20 8. A video/audio information retrieving apparatus according to claim 1, wherein said multimedia information format is a processing language of BML, HTML, ECMA or JAVA.

25 9. A video/audio information retrieving apparatus

according to claim 1, wherein said video/audio information, attribute information and multimedia information are inputted from a receiving means for receiving, demodulating and demultiplexing the transmitting signal in which these
5 information pieces are multiplexed and modulated.

10. A video/audio information retrieving apparatus according to claim 1, wherein said video/audio information, attribute information and multimedia information are reproduced and inputted with a storage/reproducing means in which such
10 information pieces are stored.

11. A display apparatus, comprising:

input means for inputting the video/audio information, index information of the multimedia information format based on the and attribute information indicating the attributes of
15 the video/audio information and the retrieving process program of the multimedia information format for retrieving said video/audio information;

retrieving means for executing the retrieving process based on said retrieving process program using said index
20 information; and

display means for displaying the video/audio information retrieved with said retrieving means.

12. A display apparatus according to claim 11, wherein a notifying means for notifying the video/audio information
25 retrieved with said retrieving means to the external circuit

together with the index information of said video/audio information is further provided said video/audio information is inputted to said input means based on said index information.

13. A display apparatus according to claim 11, wherein
5 said display means displays a list of said index information pieces.

14. A display apparatus according to claim 11, wherein
index information is a title of the program to which said
video/audio information belong, channel, broadcast time or genre
information and class of medium information for discriminating
10 a class of medium to which the program including said video/audio information.

15. A retrieving system comprising:

a video/audio information retrieving apparatus having a
15 storage means for storing the video/audio information inputted from each medium, attribute information indicating the attributes of said video/audio information and retrieving process program for retrieving said video/audio information, a setting means for setting the index information based on the
20 attribute information stored in said storage means, a converting means for converting the index information and said retrieving process program set with said setting means to the multimedia information format and an output means for outputting the index information and retrieving process program converted with said
25 converting means to the external circuit together with said

video/audio information; and

a display apparatus having an input means for inputting the video/audio information, an index information and the retrieving process, a retrieving means for executing the
 5 retrieving process based on said retrieving process program using said index information and a display means for displaying the video/audio information retrieved with said retrieving means.

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